







QUALITY CERTIFICATE

Vessel

SHORE TANK NO. 3 **SPRAGUE**

Customer Operation

Name of material being tested

Description of sample source Samples Drawn by (company)

Samples Tested by (company)

ANALYSIS

Port Date SEARSPORT, MAINE

Terminal

March 18, 2003

SPRAGUE

SP/03/0328 Report

Reference

Sample # 287127

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 3 AFTER DISCHARGE OF B NO. 95 **INSPECTORATE INSPECTORATE**

Tests being Performed	Test method	Minimum Maximum	Sample Source
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GRAVITY, API @ 60 F	ASTM D 4052		11.3
FLASH POINT, F	ASTM D 93		200+
VISCOSITY, SSF @ 122 F	ASTM D 445/2161		245
POUR POINT, F	ASTM D 97		+44.6
Y TER & SEDIMENT, % VOL.	ASTM D 1796		0.30
PHUR, % WT.	ASTM D 4294		2.152
ASH, % WT.	ASTM D 482		0.046
VANADIUM, PPM	AA/AE		121
SODIUM, PPM	AA/AE		13
BTU'S/POUND	CALCULATION		18,230
BTU'S/GALLON	CONVERSION		150,434
NITROGEN, % WT.	ASTM D 3228		0.442
CARBON RESIDUE, % WT.	ASTM D 4530		12.63
ASPHALTENES, % WT.	IP-143		6.09
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THE ATTACHED CERTIFICATE REPRESENTS THE PRODUCT INSPECTED BY THE INSPECTION SERVICE ON THE DATE STATED ON THE CERTIFICATE IN THE TANK STATED BY THE INSPECTION SERVICE, SPRAGUE-REPRESENTS THAT ANY PRODUCT IT MAY SELL AT THE RACK MAY DIFFER FROM SUCH INSPECTION CERTIFICATE BUT SUCH PRODUCT SHALL ASSET THE SPECIFICATIONS AS MAY BE DECLIFIED BY ANY ASPECTED. MEET THE SPECIFICATIONS AS MAY BE REQUIRED BY ANY APPLICABLE

REGULATIONS WITHIN THE STATE THAT THE PRODUCT IS SOLD.

DENNIS E. CURTIS Inspectorate America Corp (Searsport, Me.)